

20000909.qrp v01_n939.qrl.20000909

Date: Sat, 9 Sep 2000 19:03:13 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1939

QRP-L Digest 1939

Topics covered in this issue include:

- 1) [79092] Re: "To sweat or not to....."
by Michael Neverdosky <mneverdosky@earthlink.net>
- 2) [79093] Regen Receiver photos & layout
by "George Heron N2APB" <n2apb@erols.com>
- 3) [79094] Double Good
by Larry S Cahoon <wd3p@juno.com>
- 4) [79095] Center Insulator for the top of the DK9SQ Mast?
by "Kevin F. Glynn" <kfglynn@mindspring.com>
- 5) [79096] [OT] Definately not qrp...but, another mfgr quits!
by "Michael Melland" <badger@vbe.com>
- 6) [79097] Automatic Link Establishment
by "Mark Fancher" <mmfanche@gateway.net>
- 7) [79098] Re: OT: Flying Pigs Newsletter
by Tom Isgro <k8cz@concentric.net>
- 8) [79099] Re: Automatic Link Establishment
by "Larry Wise" <lewise@txwises.com>
- 9) [79100] RE: Midland Bug
by "AI2Q Alex" <ai2q@ispchannel.com>
- 10) [79101] Re: Automatic Link Establishment
by Steve Yates <aa5tb@yahoo.com>
- 11) [79102] Re: Center Insulator for the top of the DK9SQ Mast?
by Gary Harrison <k0bc@ipa.net>
- 12) [79103] N2CQ on 7.041.5 at 0214/AT
by N10DL@aol.com
- 13) [79104] Re: [OT] Definately not qrp...but, another mfgr quits!
by "George, W5YR" <w5yr@att.net>
- 14) [79105] N2CQ/AT/qrp in Logbook...
by N10DL@aol.com
- 15) [79106] N2CQ on 7.043.9 at 0246/AT
by "David Bixler" <qrp@netins.net>
- 16) [79107] Musing from a "failed" QRP DX Chaser
by Kevin L Anderson <k9iua@juno.com>
- 17) [79108] Argonaut 505 repair note
by n2go@arrl.net
- 18) [79109] Re: PSK/QRP Contest
by "Bruce & Tosh Hopkins" <makai@grouper.batelnet.bs>
- 19) [79110] FOX: Correction to Final Summer Results

- by "Marshall Emm" <mgemm@mtechnologies.com>
- 20) [79111] FOX: Summer Fox Hunt Prizes
by "Marshall Emm" <mgemm@mtechnologies.com>
- 21) [79112] FOX: Summer Hunt Awards - the List
by "Marshall Emm" <mgemm@mtechnologies.com>
- 22) [79113] Re: Argonaut 505 repair note
by "John P. Cummins, Sr." <jpcummins@att.net>
- 23) [79114] Fox Hunt Winners
by w2xn@juno.com
- 24) [79115] Re: [Elecraft] Meaning of RST
by Larry S Cahoon <wd3p@juno.com>
- 25) [79116] Need FT-7 Schematic
by wb2vuo@juno.com
- 26) [79117] Re: RS Small Communications Speaker
by "Vernon L. Martin" <lmartin@uswest.net>
- 27) [79118] Re: RS Small Communications Speaker
by "Mike Yetsko" <myetsko@insydesw.com>
- 28) [79119] RE: Musing from a "failed" QRP DX Chaser
by "AI2Q Alex" <ai2q@ispchannel.com>
- 29) [79120] Re: Musing from a "failed" QRP DX Chaser
by "Cameron C.R. Bailey" <cbailey@wjtl.net>
- 30) [79121] QRP - best starter kit?
by K4IA@aol.com
- 31) [79122] Charging Gell Cells
by w2xn@juno.com
- 32) [79123] Re: Center Insulator for the top of the DK9SQ Mast?
by Tom M <tjmc@erols.com>
- 33) [79124] Re: Active from Appalachian Trail in Maryland
by n3wt@juno.com
- 34) [79125] NA Sprint info
by TheMardster@cs.com
- 35) [79126] N2CQ on now w/BIG sig
by "Paul Craig" <n3ysi@easy-pages.com>
- 36) [79127] K1 Small Delay for Enhancements
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 37) [79128] Wire antenna, co-ax fed, multiple bands?
by "M0CQG" <m0cqg@dial.pipex.com>
- 38) [79129] Re: QRP - best starter kit
by "James R. Duffey" <jamesd1@flash.net>
- 39) [79130] N2CQ on AT in VA
by "Ron Polityka" <wb3aal@fast.net>
- 40) [79131] Ugly HB vertical results
by WB9MII@aol.com
- 41) [79132] Re: QRP - best starter kit?
by Bob Nielsen <nielsen@oz.net>
- 42) [79133] Re: K1 Small Delay for Enhancements
by "M0CQG" <m0cqg@dial.pipex.com>
- 43) [79134] Re: Musing from a "failed" QRP DX Chaser

by Bill Lazure <n2tpa@juno.com>
44) [79135] RE: Ugly HB vertical results
by N10DL@aol.com
45) [79136] Re: Ugly HB vertical results
by "Pastor-KC1DI" <elbc@pivot.net>
46) [79137] AT Hikers have Good Sigs
by "John L. Sielke" <w2agn@pobox.com>
47) [79138] Re: Musing from a "failed" QRP DX Chaser
by wa4dou@excite.com
48) [79139] Need manual for Ten Tec Triton II
by "Dan Trigilio" <danjt@cruzio.com>
49) [79140] Re: Ugly HB vertical results
by Larry S Cahoon <wd3p@juno.com>
50) [79141] Re: [Elecraft] Meaning of RST
by George F Franklin <w0av@juno.com>
51) [79142] Re: Ugly HB vertical results
by George F Franklin <w0av@juno.com>
52) [79143] Re: Musing from a "failed" QRP DX Chaser
by "George, W5YR" <w5yr@att.net>
53) [79144] Re: Ugly HB vertical results
by Lew Paceley <lew@paceley.com>
54) [79145] Re: Ugly HB vertical results
by Larry S Cahoon <wd3p@juno.com>
55) [79146] Re: QRP - best starter kit?
by "Marty Purselley" <brewer@flash.net>
56) [79147] Thanks for another Outstanding Vol.2 No2 of the QRP Homeberwer
by Sam Billingsley <SBillingsley@usaninc.com>
57) [79148] QRP DX and Contest
by "Karl F. Larsen" <k5di@zianet.com>
58) [79149] Consumption Figures
by dave.g0dja@psilink.co.uk (David J. Ackrill)
59) [79150] Re: "To sweat or not to....."
by Arjen Raateland <Arjen.Raateland@vyh.fi>
60) [79151] Re: "To sweat or not to....."
by Arjen Raateland <Arjen.Raateland@vyh.fi>
61) [79152] FS - Audio Filter & Heathkit ATU
by Larry East <w1hue@amsat.org>
62) [79153] SOC#1 now on 14.060 at 2235
by N10DL@aol.com
63) [79154] FS: HW-9 and PSA-9 pwr supply
by "Marty Purselley" <brewer@flash.net>
64) [79155] N0UR PSK Dummy load
by N0UR1@aol.com

Date: Fri, 08 Sep 2000 19:30:11 +0000

From: Michael Neverdosky <mneverdosky@earthlink.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79092] Re: "To sweat or not to....."
Message-ID: <39B93033.5FEA842A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

> Then came the years of using the war surplus cans. Many
> of these were padded and I LOVED them. How many remember
> those cords??? They were like string with some kind of
> coper "stuff" wrapped around them. Just about impossable
> to solder anything to!

Most likely phosphor bronze wire. This material and construction
is very flexible and fatigue resistant.

Yes, it does not take solder.

You crimp a eye lug on the wire. Using the proper lug and
calibrated crimper (yes the crimper is calibrated) you get a
solid, reliable connection that is generally better than
a solder connection.

> Now you know why the old phone plugs had screw connections
> instead of just a hole to solder a wire to! :-)

That is where you screw down the lug that is crimped on the
end of the wire.

Teletype loop jumpers were also made up this way when I was in
the Navy, they also got pretty rough usage.

Lots of fun.

michael N6CHV

Date: Fri, 8 Sep 2000 19:31:31 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-1@lehigh.edu>
Subject: [79093] Regen Receiver photos & layout
Message-ID: <000b01c019ed\$108885a0\$84ca9cce@gheron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I've received many individual requests for details concerning the Charles Kitchin, N1TEV "Simple Regen Radio for Beginners" project that I mentioned working on with some Boy Scouts this week ... so I decided to put some of the photos and the Manhattan-style construction layout diagram we used up on the NJQRP website at <http://www.njqrp.org/regen/>

The photos are one of the receivers the Scouts built down in my shack, and I included a shot of one of the teens hard at work with a soldering iron.

We'll get more up there as time permits ... but just thought some of you here on the list would find this interesting enough to break out your own soldering iron and start building one for yourself.

I had all parts on hand to easily do a couple of these receivers. But even though I have a pretty good junk box, almost all the components that N1TEV specifies in his QST article this month are pretty easy to come by from your own junk box or local Radio Shack.

Go for it!

73, George N2APB
n2apb@amsat.org
<http://www.njqrp.org>

Date: Fri, 8 Sep 2000 23:52:47 +0100
From: Larry S Cahoon <wd3p@juno.com>
To: epaqrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU
Subject: [79094] Double Good
Message-ID: <20000908.235814.-425985.2.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

This turned out to be a good evening. I had to take the kid to soccer practice so I missed the local club meeting.

But before I left I caught Ken, N2CQ on the AT to add VA to the list of states I've got on the trail now. I had to cut it short as it was really past the time to head out for the practice. Poor Ken he told me it was raining at the time.

I took the DSW-20 with me and it showed it stuff. First I had a good

chat with Jean, F8CF0, he was running 100 watts to his three element beam and even gave me a 599. Then later the DSW proved again it can work split when I nabbed 4X/OK1CW. I have to say Israel on two watts from the mobile is a respectable catch. To top it off it is a new county QRP for me.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p>

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 8 Sep 2000 20:03:07 -0400
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [79095] Center Insulator for the top of the DK9SQ Mast?
Message-ID: <002601c019f1\$57eae00\$8932f7a5@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

Was wondering what to use as a center insulator for the DK9SQ mast.

I was thinking of a small piece of plexiglass taped to the top temporarily?
I want to use either 300 ohm ladderline or light stranded 440 ohm ladderline
(that's easier to wind up when done then the 300 ohm stuff) to center feed a
67' doublet. Will also use as a 33' vertical as well.

Any ideas on a top insulator for the doublet? Thanks for the help.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@mindspring.com

Date: Fri, 8 Sep 2000 19:12:48 -0500
From: "Michael Melland" <badger@vbe.com>
To: <qrp-1@lehigh.edu>
Subject: [79096] [OT] Definately not qrp...but, another mfgr quits!

Message-ID: <001d01c019f2\$b023f360\$a5834d40@badger>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got this off an email from the amps reflector at contesting.com. It's not qrp.... but it is of general interest to many hams in that it's really sad to see a quality US mfgr quit ... who's next ?

"If you go to the Alpha Power web site you will see a message from Dick indicating that he has shut down engineering and manufacturing when the current production run is complete on the 99 and 87A. All existing warantees will be honored for their term."

--
Michael Melland, W9WIS
Winneconne, Wisconsin USA - Grid EN54pc
QRP-L #1656 - QRPARCI #9875

Date: Fri, 8 Sep 2000 20:38:27 -0400
From: "Mark Fancher" <mmfanche@gateway.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79097] Automatic Link Establishment
Message-ID: <003a01c019f6\$46ca82e0\$a210273f@GEARemote>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="windows-1255"
Content-Transfer-Encoding: 7bit

A few years ago, when I was in the USAF as an Aircraft Maintenance Officer, we installed something new in our KC-10 aircraft. It was a modification to the aircraft HF radios which gave "ALE" capability. From what I could gather, it was a way for one station to contact another station without guessing which frequency provided the best propagation. You simply told it which station you wanted to call, and the computer did all of the rest, finding the best frequency for reliable communications. In fact, if you received a signal, it would alert you that someone was trying to call you. It seems this mode is common throughout the DoD.

Has anyone ever heard of this capability being used for Ham Radio? Think of the prospects for keeping skeds!

BTW, the HF radio on the KC-10 used the whole aircraft as an antenna. It

had a big tuner in the tail section!

Mark Fancher, W09G
mmfanche@gateway.net

Date: Fri, 08 Sep 2000 20:44:43 -0400
From: Tom Isgro <k8cz@concentric.net>
To: Shephed@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79098] Re: OT: Flying Pigs Newsletter
Message-ID: <39B987FB.4BEA9B59@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Right Dan,

And a fine little newsletter it is.

BTW, for those who don't have Adobe Acrobat Reader, it is freeware.

--

"Blessed are they who can laugh at themselves for they shall never cease to be amused."

72, 73 oo's
Tom K8CZ Hamilton, OH
FPqrp #-41, QRP-1 945, FISTS 2360, NORCAL 2113, ARCI 9606,
10-10 68364, SCI 1479, ARS 203, ARRL

Date: Sat, 09 Sep 2000 01:22:51 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [79099] Re: Automatic Link Establishment
Message-ID: <200009090120.UAA33400@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Fri, 8 Sep 2000 20:38:27 -0400, Mark Fancher wrote:

> ...

>Has anyone ever heard of this capability being used for Ham Radio? Think of
>the prospects for keeping skeds!
> ...

Check out the following web site for a program you can use in this mode:

<http://www.chbrain.dircon.co.uk/pcalc.html>

Also a search on YAHOO for ALE will bring up several other sites on the subject.

Larry KA5T
Georgetown, Texas

Date: Fri, 8 Sep 2000 21:15:02 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <k5xu@concentric.net>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [79100] RE: Midland Bug
Message-ID: <000c01c019fb\$ce315880\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mike:

The bug you describe was likely made in Japan by Hi-Mound. I have one here
in good shape, including the plastic cover.

The price range is from zero to whatever the buyer is prepared to pay. The
one I have here was given to me by a friend who didn't want it. I've seen
them go for \$25 and also for \$125 though.

Seek, and ye shall find!

GL es 73, AI2Q, Alex in Kennebunk, Maine QRP-L # 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Mike Duke
Sent: Wednesday, September 06, 2000 10:16 PM

To: Low Power Amateur Radio Discussion
Subject: Midland Bug

In the late 60s, and perhaps through their demise, Lafayette Radio sold a mostly plastic bug made by Midland.

A non-ham friend gave me one of these bugs for Christmas in 1969, the year that I earned my Novice ticket. I ran it until it literally fell to pieces.

What is the going price for one of these relics in reasonable condition?

Mike Duke, President,
Mississippi Council of the Blind

Date: Fri, 8 Sep 2000 19:02:50 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79101] Re: Automatic Link Establishment
Message-ID: <20000909020250.250.qmail@web3003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Mark,

ALE systems are pretty neat. I have heard many transmissions from ALE radio systems, even in the amateur bands, but they weren't amateurs. In fact, I hear way too much of it in the ham bands.

As far as amateur use is concerned I believe that the extra congestion from all of the ALE transmissions would create way too much QRM using the current technology, but who knows what the future holds. It would be great for emergency communications and such but it would take all of the fun out HF for me.

If a person hasn't ever heard an ALE transmission some examples can be found at the following URL:

<http://rover.wiesbaden.netsurf.de/~signals/TABLES/ALE.HTML>

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Fri, 08 Sep 2000 21:12:06 -0700
From: Gary Harrison <k0bc@ipa.net>
To: kfglynn@mindspring.com, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [79102] Re: Center Insulator for the top of the DK9SQ Mast?
Message-ID: <4.2.2.20000908205547.00a2cd20@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:03 PM 09/08/2000 -0400, Kevin F. Glynn wrote:
>Hi gang,
>
>Was wondering what to use as a center insulator for the DK9SQ mast.
>
>72 Kevin N2T0

Hi Kevin,

I use three pieces of small PVC pipe, three end caps and a tee. Measure the mast sections diameter that you intend to use for the height of the insulator. Drill matching size holes in the center of two of the end caps. Glue the three pieces of pipe in each leg of the tee leaving just enough sticking out to glue the end caps on. Put the end caps with the drilled holes on the top horizontal legs of the tee pipes. This will allow you to slide the tee on to the mast with the tee laying on it's side. You can then screw or glue a dipole center insulator to the vertical leg of the tee that is now sticking out horizontally. I have used this during QRPTTF and other field trips with no problems. Good luck.

73,

Gary Harrison, K0BC
QCWA President
Ask me about our Scholarship fund!
<http://www.qcwa.org>

Date: Fri, 8 Sep 2000 22:20:55 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [79103] N2CQ on 7.041.5 at 0214/AT
Message-ID: <b1.56e11e.26eaf887@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Just heard Ken N2CQ/AT on 40 meters and tried to catch him. was talking to K1LGQ. Lost him...still looking for him.
Aron
N10DL
Bedford, NH

Date: Fri, 08 Sep 2000 21:36:48 -0500
From: "George, W5YR" <w5yr@att.net>
To: badger@vbe.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79104] Re: [OT] Definately not qrp...but, another mfgr quits!
Message-ID: <39B9A240.F261424E@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As I recall this has happened at least once and possibly twice before.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Michael Melland wrote:

>
> Got this off an email from the amps reflector at contesting.com. It's not
> qrp.... but it is of general interest to many hams in that it's really sad

> to see a quality US mfg'r quit ... who's next ?
>
> "If you go to the Alpha Power web site you will see a message from Dick
> indicating that he has shut down engineering and manufacturing when the
> current production run is complete on the 99 and 87A. All existing warantees
> will be honored for their term."

Date: Fri, 8 Sep 2000 22:39:50 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [79105] N2CQ/AT/qrp in Logbook...
Message-ID: <85.6fb39d.26eafcf6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Heard Ken in a QSO and wanted him for the AT points. finally found him again on the very noisy 7.044. got him on the first try. gave me a 449 and he was 459. not sure what he is using this weekend for a rig and antenna but hope he will tell us when he gets back. He is in Virginia this weekend. Thanks Ken. really enjoyed it.

Aron
N10DL/qrp
Bedford, NH
OHR400
G5RV, Jr. up 40' at 3 watts

Date: Fri, 8 Sep 2000 21:54:23 -0500
From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79106] N2CQ on 7.043.9 at 0246/AT
Message-ID: <LPBBJOMLLEAMGKJIGOGDKEHPCBAA.qrp@netins.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang:

Just signed off with Ken on the AT in Virgina. He was on 7043.9 with a 449 signal here in SW Missouri. Had QSB and QRM but copied most of his transmissions. He is running a dipole antenna at 15 feet so you east coast folks should have better copy than I have.

I told him that I would post this frequency to the list so he may be standing by there for calls. Go get him.

He said that he will be in WV on Monday evening.

72,

Dave

David Bixler W0CH - VK2IQX
Seneca, Missouri QRP-L # 618
<http://www.qsl.net/w0ch/>

QRP: Little radios, big fun!

Date: Fri, 08 Sep 2000 23:04:27 EDT
From: Kevin L Anderson <k9iua@juno.com>
To: qrp-l@lehigh.edu
Subject: [79107] Musing from a "failed" QRP DX Chaser
Message-ID: <20000908.220114.5367.0.K9IUA@juno.com>

Even though I am a decent contester, I guess I am not cut out to be a DX chaser :-(.

For some reason, DX hasn't really been of past interest to me --a combination of radios that were weak on the higher bands needed for DX and the thought of collecting those QSL cards, I guess, discouraged me in the past.

But then the ARRL established this one-time Millenium DXCC, which doesn't require the cards. And then I purchased a Scout with hamsticks on 20/15/10m, which gave me the glimmer of a possibility at it. So I started with K8DD/C6A last spring and began working some DX, hoping for two qsos a week to make the 100.

After 6 months or so of trying, I'm only up to 42 (out of the needed 100). Tenacity of the foxhunt and other contests does not for me translate over to DX chasing, I guess. I'm resigning myself to the fact I will not get the Millenium DXCC. Now, mind you, I am trying this all QRP 5 watts to mediocre antennas -- a random

wire and hamsticks -- and from North Dakota to boot.
All that merges to be quite the challenge.

Kudos to Ade, WORSP, my hero, for his stick-to-itness
and knowledge, which allowed him recently over 100 DX
QSLs, as he recently reported.

The behavior of DX chasing by most people turns me
off -- the pileups and the power for the most part.
What a joke, when I listen in particular on the SSB
pileups, when the DXer and stateside contacts are
routinely saying your "solid 20 over, OM", and reporting
stacked beams or some such. Occasionally
a kind US person indicated to the DXer that a QRPer
was calling, which sometime helped, but so many
times I am just too weak. Like tonight trying for TA3DD
on 20m CW (he was around 14018 if you wish to try) --
I couldn't break through, and the pileup wasn't that big
that I could tell. And disadvantages of having
no PacketCluster for spots (so I have to listen for pileups),
and needing my nighttime beauty sleep so I can work
the next day, and so on....I guess I'm not cut out for it --
at least not in a hurry like this when I have only one year.
Even trying to operate during the IARU contest in July
only netted me 13 more countries.

Oh, I will keep trying....but the spirit seems gone now,
with less than four months to go. And to think someday
my wife and I would like to live overseas -- maybe then
i will become the DXer.

Just felt like musing. Thanks for reading (or deleting)
the message. Cheers/72.

Kevin, K9IUA

Kevin Anderson, K9IUA, Lincoln/Bismarck ND
e-mail: K9IUA@juno.com Opinions all my own.

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 8 Sep 2000 23:05:31 -0400 (EDT)
From: n2go@arrl.net
To: qrp-1@Lehigh.EDU
Subject: [79108] Argonaut 505 repair note
Message-ID: <Pine.LNX.4.20.0009082247130.3615-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So it has been a couple days since I reversed the voltage on one of my Argonaut 505 rigs. First, I found that doing so is *not* good :)

Secondly, I found that three transistors on the control board were electrocuted :(DOA on the bench.

I replaced them only to find that the receive voltage did not turn off during transmit....hmmmm. That didn't make sense Q1,Q2 and Q3 which form a complimentary switch and they turn on and off the voltage to the T (transmit line)

Transistors Q4, Q5 and Q6 are supposed to do the same for the R (receive line) Hmmmm.

Not only did they not do it, Q5 and Q6 promptly died trying.....

After staring at the schematic for a good while, I began to follow the traces on the pcb. I compared the parts location picture andhey... that ain't right. The picture was labeled wrong. Q5 and Q6 are reversed in the picture.

I made a change in the picture, then put some new soldiers in place. I put power (correct polarity) and *now* the control board works. So does the S-meter :) I guess you can't believe everything you read. Who would have guessed.

Next step is to check the pulses on the driver and finals....That will have to come another day. This has been too much excitement for one day. My brain is tired.

73,

Jim n2go

Date: Fri, 8 Sep 2000 23:19:15 -0400
From: "Bruce & Tosh Hopkins" <makai@grouper.batelnet.bs>

To: <qrp-1@Lehigh.EDU>
Subject: [79109] Re: PSK/QRP Contest
Message-ID: <007201c01a0c\$bd2f5760\$830030ce@makai>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang...

Sorry for the typo guys on the day of the QRP PSK sprint this weekend... It is on Sunday the 10th not Sat the 10th... The date and times were correct, it's just that I am on Island time Mon and kinda skipped a day... 8^)

Sorry for any confusion and here again is the URL to get all the details on this sprint...

Contest Info:

End of Summer PSK-31 Sprint *** QRP Contest ***

Sep 10 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/psk31.htm>

Seeya on Sunday...

72 - Bruce - KL7H/C6A

<http://www.qsl.net/k17h>

Date: Fri, 8 Sep 2000 21:37:26 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Qrp-1@lehigh.edu
Subject: [79110] FOX: Correction to Final Summer Results
Message-ID: <39B95C16.27597.26B7CF4@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The results for the Summer Fox Hunt have been corrected, after we found a duplicate QSO in one of the hunts. The change moves NW7DX down from the 19/20

tier into 18/20, and reduces WJ1R's second run and final totals by 1. The dupe was clearly marked in Larry's log, and we're sorry for the error and any confusion it has caused.

The web site has been updated (at <http://www.cqc.org/sfox>)

For The QRP-L Summer Foxhunt Committee,
N1TP, K0EVZ, K1MG, N1FN

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Fri, 8 Sep 2000 21:50:38 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [79111] FOX: Summer Fox Hunt Prizes
Message-ID: <39B95F2E.26867.27793CB@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I'm posting this on behalf of our Scorekeeper, Tom N1TP, who is still computer impaired.

If I could have a drum-roll, please.... It's time to announce the prizes in the first ever QRP-L Summer 20M Foxhunt. We had a number of very generous sponsors, and we hope you will support them. Several of the sponsors asked that their prizes be given to a specific recipients, but there were enough "unallocated" prizes that there is a prize for each of the top three Foxes and the top ten Hounds.

There were three Hounds with perfect 20/20 scores (worked all 20 Foxes), five Hounds with 19 out of 20, and four Hounds with 18 out of 20. Tom ranked them by how QUICKLY they worked the Foxes.

And now, as seen on the QRP-L Summer 20 Meter Foxhunt web site at <http://www.cqc.org/sfox>

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Fri, 8 Sep 2000 22:00:31 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [79112] FOX: Summer Hunt Awards - the List
Message-ID: <39B9617F.19407.280A014@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

QRP-L SUMMER 20 Meter FOXHUNT

Awards

Many organizations and individuals have generously offered awards for the TOP TEN HOUNDS and the TOP THREE FOXES in the QRP-L Summer 20M Foxhunt. We are grateful for their support, and hope you will support them!

Donor: Colorado QRP Club Inc
Contact: <http://www.CQC.org>

Award: CQC QRP Dummy Load Kit
Won by: 3rd Place Fox, N0UR

Donor: Embedded Research
Contact: <http://www.frontiernet.net/~embres/>

Award: TiCK-4 keyer kit and enclosure
Won by: 5th Place Hound, VA6RF

Donor: N1TP
Contact: n1tp@worldnet.att.net

Award: Engraved Trophy
Won by: Grand Champion Hound, K0EVZ

Donor: Morse Express
Contact: <http://www.MorseX.com>

Award: Miniature Telegraph Key
Won by: 2nd Place Hound, AJ4Y

Donor: Oak Hills Research
Contact: <http://www.OHR.com>

Award: OHR 500 5-band Transceiver Kit
Won by: Grand Champion Hound, K0EVZ

Donor: ELECRAFT
Contact: <http://www.elecrafter.com>

Award: K1 2-band Transceiver Kit
Won by: Top Fox, N1FN

Donor: Emtech
Contact: <http://www.isomedia.com/homes/starbuck/emtech.htm>

Award: Ladder Grabbers
Won by: 8th Place Hound, W7ILW
 9th Place Hound, N5TW
 10th Place Hound, K5DI

Donor: K0EVZ
Contact: K0EVZ@arrl.net

Award: GQRP/Kanga 6-in-1 Kit
Won by: 6th Place Hound, WJ1R

Donor: N2CX
Contact: n2cx@voicenet.com

Award: Gusher 2-Band HF Antenna
Won by: 7th Place Hound, K6VNX

Donor: QRP ARCI

Contact: <http://www.qrparci.org/>

Award: 1-Yr Subscriptions, ARCI QRP Quarterly

Won by: Grand Champion Hound, K0EVZ and Top Fox, N1FN

Donor: N8IE

Contact: members.aol.com/shephed/n8ie.htm

Award: Assembled K1EL Keyer

Won by: 3rd Place Hound, AE9F

Donor: WB6JBM

Contact: paddles.homepage.com

Award: Kapacitive Paddle/Keyer Kit

Won by: 2nd Place Fox, NW7DX

Congratulations!

For The QRP-L Summer Foxhunt Committee,
N1TP, K0EVZ, K1MG, N1FN

Date: Fri, 08 Sep 2000 23:57:40 -0400

From: "John P. Cummins, Sr." <jpcummins@att.net>

To: n2go@arrl.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [79113] Re: Argonaut 505 repair note

Message-ID: <39B9B534.94353BB7@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Time to get a NoGa Pig. check out:

<http://www.qsl.net/nogaqrp/>

n2go@arrl.net wrote:

>
> So it has been a couple days since I reversed the voltage on one of my
> Argonaut 505 rigs. First, I found that doing so is *not* good :)
>
> Secondly, I found that three transistors on the control board
> were electrocuted :(DOA on the bench.
>
> I replaced them only to find that the receive voltage did not turn off
> during transmit....hmmmm. That didn't make sense Q1,Q2 and Q3 which form a
> complimentary switch and they turn on and off the voltage to the T
> (transmit line)
>
> Transistors Q4, Q5 and Q6 are supposed to do the same for the R (receive
> line) Hmmmm.
>
> Not only did they not do it, Q5 and Q6 promptly died trying.....
>
> After staring at the schematic for a good while, I began to follow the
> traces on the pcb. I compared the parts location picture andhey...
> that ain't right. The picture was labeled wrong. Q5 and Q6 are reversed in
> the picture.
>
> I made a change in the picture, then put some new soldiers in place. I put
> power (correct polarity) and *now* the control board works. So does the
> S-meter :) I guess you can't believe everything you read. Who would have
> guessed.
>
> Next step is to check the pulses on the driver and finals....That will
> have to come another day. This has been too much excitement for
> one day. My brain is tired.
>
>
> 73,
>
> Jim n2go

Date: Sat, 9 Sep 2000 08:39:36 -0400
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [79114] Fox Hunt Winners
Message-ID: <20000909.084018.-816733.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Congrats to the winners of all the great prizes for the Summer Fox Hunt. They are outstanding operators and deserve a grand congratulations from all.

Also, a thank you to the prize donors for supplying the terrific prizes for the winners. It's the incentive for the hounds to continue their good operating prizes.

Thank you to all who were foxii, and for those who organized the hunts. It has really been fun.

Fred W2XN w2xn@arrl.net
Lakeland, FL
ARRL, ARES, Skywarn #POL-007, VE
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

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Date: Sat, 9 Sep 2000 12:24:26 +0100
From: Larry S Cahoon <wd3p@juno.com>
To: rondec@easystreet.com, qrp-l@Lehigh.EDU
Subject: [79115] Re: [Elecraft] Meaning of RST
Message-ID: <20000909.125036.-426053.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>
> If an op claims QSB or QRN because of a distraction in the shack, we
> have a
> different problem with definitions. I have often asked for a fill
> because of
> "QRM in the shack" meaning that the XYL had a comment or a question

How about QRM from the back seat - that's what I had on a recent trip from three kids and two dog.

73 de Larry.....in MD

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Date: Sat, 9 Sep 2000 08:51:55 -0400
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [79116] Need FT-7 Schematic
Message-ID: <20000909.085157.-207251.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I recently purchased a "project" FT-7. The rig arrived receiving as advertised, and even puts out a couple of milliwatts on 80 & 40 Meters.

One thing that was missing was the schematics. I would like to get the rig up & running at the 1/2 to 1-watt level (I have to build a PA, the original board is gone), but reverse-engineering the beast is a bit much.

I will gladly reimburse anyone for their out-of-pocket expenses for a copy, including postage. Please reply to my arrl.net address as I will not be near this computer for a couple of days.

Thanks.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section
My night light runs more power than my Rig!!!
Replies - <mailto:wb2vuo@arrl.net>

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Date: Sat, 09 Sep 2000 07:12:53 -0600
From: "Vernon L. Martin" <lmartin@uswest.net>
To: qrp-1@Lehigh.EDU
Subject: [79117] Re: RS Small Communications Speaker
Message-ID: <39BA3755.BD5DC5E2@clsp.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I found 2 small speakers in my RS catalog for \$14.99. One is very small (2" square?) and has a u-shaped mounting bracket, while the other one has a 5 watt/4" speaker. I'd like to pair the right speaker to my DSW-40. Which one is it?

LOU
KC0BBE
Monument, CO

Date: Sat, 9 Sep 2000 09:15:05 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <lmartin@uswest.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79118] Re: RS Small Communications Speaker
Message-ID: <003f01c01a5f\$faac8740\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just bought the little 2" cube, and like it a lot. More bassy than I'd like, but not bad....

Mike

> I found 2 small speakers in my RS catalog for \$14.99. One is very small
> (2" square?) and has a u-shaped mounting bracket, while the other one
> has a 5 watt/4" speaker. I'd like to pair the right speaker to my
> DSW-40. Which one is it?
>
> LOU
> KC0BBE
> Monument, CO
>
>

Date: Sat, 9 Sep 2000 09:33:44 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <k9iua@juno.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [79119] RE: Musing from a "failed" QRP DX Chaser

Message-ID: <000001c01a62\$9394e5e0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Kevin, don't feel bad. What you've done to date towards DXCC-2000 is already a worthy and amazing accomplishment. And, you just might be surprised to find that lots of those countries come at you all of a sudden in the fall season.

I've felt the same frustration here on 20 fone with my 1.5 watt SSB transceiver-plus-dipole. The count is at 78, so there's still lots of opportunity and hope.

Stay resonant! Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Kevin L Anderson
Sent: Friday, September 08, 2000 11:04 PM
To: Low Power Amateur Radio Discussion
Subject: Musing from a "failed" QRP DX Chaser

Even though I am a decent contester, I guess I am not cut out to be a DX chaser :-).

For some reason, DX hasn't really been of past interest to me --a combination of radios that were weak on the higher bands needed for DX and the thought of collecting those QSL cards, I guess, discouraged me in the past.

But then the ARRL established this one-time Millenium DXCC, which doesn't require the cards. And then I purchased a Scout with hamsticks on 20/15/10m, which gave me the glimmer of a possibility at it. So I started with K8DD/C6A last spring and began working some DX, hoping for two qsos a week to make the 100.

After 6 months or so of trying, I'm only up to 42 (out of the needed 100). Tenacity of the foxhunt and other contests does not for me translate over to DX chasing, I guess. I'm resigning myself to the fact I will not get

the Millenium DXCC. Now, mind you, I am trying this
all QRP 5 watts to mediocre antennas -- a random
wire and hamsticks -- and from North Dakota to boot.
All that merges to be quite the challenge.

Kudos to Ade, W0RSP, my hero, for his stick-to-itness
and knowledge, which allowed him recently over 100 DX
QSLs, as he recently reported.

The behavior of DX chasing by most people turns me
off -- the pileups and the power for the most part.
What a joke, when I listen in particular on the SSB
pileups, when the DXer and stateside contacts are
routinely saying your "solid 20 over, OM", and reporting
stacked beams or some such. Occasionally
a kind US person indicated to the DXer that a QRPer
was calling, which sometime helped, but so many
times I am just too weak. Like tonight trying for TA3DD
on 20m CW (he was around 14018 if you wish to try) --
I couldn't break through, and the pileup wasn't that big
that I could tell. And disadvantages of having
no PacketCluster for spots (so I have to listen for pileups),
and needing my nighttime beauty sleep so I can work
the next day, and so on....I guess I'm not cut out for it --
at least not in a hurry like this when I have only one year.
Even trying to operate during the IARU contest in July
only netted me 13 more countries.

Oh, I will keep trying....but the spirit seems gone now,
with less than four months to go. And to think someday
my wife and I would like to live overseas -- maybe then
i will become the DXer.

Just felt like musing. Thanks for reading (or deleting)
the message. Cheers/72.

Kevin, K9IUA

Kevin Anderson, K9IUA, Lincoln/Bismarck ND
e-mail: K9IUA@juno.com Opinions all my own.

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Date: Sat, 9 Sep 2000 09:46:08 -0400
From: "Cameron C.R. Bailey" <cbailey@wjtl.net>
To: <k9iua@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79120] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <001e01c01a64\$4fd6c1a0\$f3202940@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Kevin and group,

I have been on and off HF for over 20 years.

I was talking to the local QSL incoming buro and they asked me how many countries I have so far, and to be honest, I replied, "I don't have any idea."

I got curious and organized the QSL cards and discovered I have 45 confirmed and 35 are QRP/CW. Not impressive, but I did not kill myself to get them either.

I tried to work the TA3DD station, especially since they were using a stateside manager. I tried for about an hour. I even tried QRO at 100 watts and it did NOT make a difference. He was running "Split" too. So, I was reminded that this for me, is a waste of time. I could have had several stateside QSOs talking about QRP, antennas, family, whatever, and make a friend.

I treasure every QSL card I get. I send them out to almost every QSO I make and I don't care if they don't reply, because I like to send them as much as I like getting them. One of my favorite cards is the first one I got for my first HF QSO. It was from a station from Colorado.

So, you did not fail, and neither did I, we just spend our time building kits, playing with antennas, or trying to operate along the trail somewhere. "If it ain't fun, then don't do it."

I am working on QRP ARCI 2XQRP CW WAS and have been for over 10 years! If I have deadlines, or goals set too high, it is no fun for me. I have enough of that from my occupation.

I operated KT3A/KH9 for a day and I got a taste of being DX. If I am ever "DX" again, I will not just rattle off "599 TU QRZ?"

PS, I don't win contests either, but do like to help others win!

kt3a

----- Original Message -----

From: "Kevin L Anderson" <k9iua@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, 08 September, 2000 23:04
Subject: Musing from a "failed" QRP DX Chaser

> Even though I am a decent contester, I guess I am
> not cut out to be a DX chaser :-(.
>

Date: Sat, 9 Sep 2000 09:51:22 EDT
From: K4IA@aol.com
To: qrp-1@lehigh.edu
Subject: [79121] QRP - best starter kit?
Message-ID: <b2.a6e5c12.26eb9a5a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Been QRT for 30 years and the last kit was a Heathkit DX-60 and VFO -- real tubes and wires.

Am looking for a reasonably featured kit project. Here's what I come up with:

TenTec and MFJ Cub are about the same, cover 50 - 60 khz, with the TenTec having RIT but the Cub uses less than half the battery power. Neither has a keyer. \$95

OHR is full 5W, covers 70 khz has RIT and an available keyer. \$130 + \$30 for keyer.

The Emtech is the most expensive, covers the whole band, has a variable XTAL filter but I can't tell if it has RIT or a keyer. It comes in at \$130 + \$30 for the cabinet.

The Elecraft K-1 is the most sophisticated with RIT/XIT, and a keyer at \$269. It may be unfair to include this in the "pick list" but it covers two bands so it is in the ballpark against two of the above.

Now, what do you think? Best kit? Best beginner kit?

Tnx es DX

K4IA
Buck
Fredericksburg, Virginia USA

REAL CHEAP Long Distance 4.9 cents/min Interstate and REAL CHEAP Intrastate,
International, Toll Free, Callback, Calling Cards, Pagers and more Check out <
A HREF="http://www.ld.net/?bucksavers">http://www.ld.net/?bucksavers

Date: Sat, 9 Sep 2000 10:08:11 -0400
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [79122] Charging Gell Cells
Message-ID: <20000909.100813.-751097.1.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone every tried to charge a gell cell from the cigarette lighter
outlet while driving to a field location? If so, what precautions should
we take, etc.

Fred W2XN w2xn@arrl.net
Lakeland, FL
ARRL, ARES, Skywarn #POL-007, VE
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 09 Sep 2000 10:05:20 -0400
From: Tom M <tjmc@erols.com>
To: kfglynn@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [79123] Re: Center Insulator for the top of the DK9SQ Mast?
Message-ID: <39BA43A0.BF64639F@erols.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Any ideas on a top insulator for the doublet? Thanks for the help.

Hi Kevin,

I've found that a small plumbing " T " connector works well... The " T " is pvc plastic about 1 inch outer diameter. Found at your local Home Depot, etc.

The outer arms of the T is strong enough for wire and the bottom leg has plenty of room for 2 speedy-ties to hold the line.

Only problem is that the last section of the Mast is unusable to support a dipole. I just use tape to hold the T to the mast abt 27ft up (stick to a wire smaller than 20g).

best
Tom aa2vk

--

```
*****
*   Member of NorCal, NJQRP, SGCI           *
*                                           *
*   Personal web page : WWW.EROLS.COM/TJMC  *
*****
```

Date: Sat, 9 Sep 2000 10:20:39 -0400
From: n3wt@juno.com
To: qrp-l@Lehigh.EDU
Subject: [79124] Re: Active from Appalachian Trail in Maryland
Message-ID: <20000909.102041.-1708547.0.n3wt@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

HI QRPers,

I will set up on the Appalachian Trail this afternoon, September 9, 1500UTC to 1800UTC on 20 meters, approx. 14.055.

My location will be on the Appalachian Trail, 1 mile south of Gathland State Park at Craptons Gap in Maryland, on the ridge line along South

Mountain. Rig is OHR-100A to a dipole up 20 feet in heavy trees.

My spot will be the precise location of a Confederate cannon set up in an attempt to stop the Yankees from getting through Crampton's Gap, two days prior to the Battle of Antietam, during the Battle of South Mountain in The Civil War. The date was September 14, 1862.

Look for me around 14.055 to 060. Thanks

N3WT, John

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 9 Sep 2000 10:30:17 EDT

From: TheMardster@cs.com

To: qrp-l@lehigh.edu

Subject: [79125] NA Sprint info

Message-ID: <dd.9581aeb.26eba379@cs.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Below, I have attached part of a message from the contest reflector. I think it will interest some of my fellow QRPers because it indicates a potential opportunity on 20M at the start of the sprint...

Regards,

Marty, N9SE

<copied from CQ-Contest>

The CW Sprint is Saturday night starting at 0000z and ending at 0400z.

(that's Sunday night Zulu time)

SSB is the following Saturday night, same times.

Just like last time, there will be a plethora of midwestern and east coasters on 40 meters at the start of both Sprints. We'll be spending

the first 10 to 15 minutes there. The Society Of Midwest Contesters will have about 25 people there and the TCG will also have some of their guys there. I believe some PVRcers will be there as well. The more that show up, the better!

It worked out very well for everyone in February... 20m wasn't as cluttered at the start for the west coasters and there was plenty of activity on 40m.

Also, every country in CQ Zone 7 and 8 are multipliers in the Sprints. So, HP, YS, 8P, J6, J3, TI, J8, VP2E, KP2, KP4, YN..... all of those countries are highly sought after multipliers. Everyone would really appreciate it if you could get on for a while Saturday night and hand out some valuable multipliers!

We basically need a QSO #, your name and your QTH, as well as your call and the call of the person you're working.

Here's where the rules are.

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

Date: Sat, 9 Sep 2000 10:56:37 -0400
From: "Paul Craig" <n3ysi@easy-pages.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79126] N2CQ on now w/BIG sig
Message-ID: <000701c01a6e\$282f7f20\$88466acf@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Morning all,

Ken, N2CQ is operating right now (1454Z) on 7.0425 with a big signal from the Appalachian Trail at Big Meadows in VA. He said he will be going up to 20M for a bit and be right back down so listen for him.

72 de n3ysi

Paul in Quakertown, PA

Date: Sat, 09 Sep 2000 08:01:34 -0700
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>

To: EleCraft mail list <elecraft@qth.net>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [79127] K1 Small Delay for Enhancements
Message-ID: <39BA50CE.E9E8FF0@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We have been getting great feedback from our Field Testers on the K1 over the past couple of weeks. Their feedback on the manual, K1 construction / alignment process and its operation has been invaluable. This really validates our Field Test process. While it can generate some delays as we resolve final issues and questions from the FT's, it really helps to create a stable, excellent final product. (And it does cause us to lose a little hair from time to time..)

As a result of feedback from the FT group we are making several small changes to enhance the K1's firmware, hardware and manual. The end result will be a better, easier to build, K1 when we ship the production units to everyone else. (Nothing major here, but we are keenly aware of the high expectations we have set with the K2 and its manual.) This is primarily to test a firmware change and to get a couple of new value parts from our suppliers.

This will delay the beginning of production shipments by two to three weeks. Our window was Sept. 7th to the 15th. This now puts us in the week following Sept. 29th.

In preparation we are pre-kitting the K1s so that we can turn on the shipping switch quickly. We will ship based upon the date of order receipt. Once we begin shipping, K1s will be heading out in mass. If you have any questions or changes on your order, please email Lisa at sales@elecraft.com

We apologize for this delay! Wayne and I are both anxious to get the K1s out to you. We and the rest of the Elecraft crew are doing everything possible to make this happen quickly. Thank you for your patience.

73, Eric, WA6HHQ and Wayne, N6KR

--

<http://www.elecraft.com>

Date: Sat, 9 Sep 2000 15:56:42 +0100
From: "M0CQG" <m0cqg@dial.pipex.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79128] Wire antenna, co-ax fed, multiple bands?
Message-ID: <002301c01a6e\$4f2f5280\$fe0dbc3e@UKsolsf56>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

All

My main antenna currently is a vertical wire + radials fed via an SGC SG-230 auto-coupler at the bottom of the garden. This setup works well, however as most of my work is now QRP, the SG-230 can be an inconvenience, as it needs a minimum amount of power in order to tune correctly. So, I'd like to be able to use a manual tuner in the shack. My question is this - can I feed my vertical + radials directly from co-ax and use the vertical successfully on multiple bands? I understand that there will be a severe impedance mismatch between the feeder and the antenna on numerous bands - and I'm concerned that in addition to power loss, I'll end up with RF coming back up the feeder. Whilst this won't be a problem at QRP levels, if I ever run the setup QRO, I'll risk significant RF interference problems. So, would an RF choke balun at the feed-point remove / reduce this problem? If so, what's the best type to use - ferrite bead, co-ax loop, toroidal, etc.??

73

Mike
M0CQG

Date: Sat, 09 Sep 2000 09:34:51 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <K4IA@aol.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [79129] Re: QRP - best starter kit
Message-ID: <B5DFB4BB.26FD%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Buck - You forgot the Small Wonders Lab kits. The SWL-XX kits are excellent value and were the basis of the Elmer 101 project here on QRP-L a few years ago. There is extensive documentation on how the rig works, including the QRP-L interchanges, on the internet. SPICE analyses are also available for many of the stages. If you want to use kit building to learn about the electronics used in QRP rigs, this is an excellent kit

Dave Benson, NN1G, designer and purveyor of these fine rigs has come up with an even better rig, the DSW-XX series. Unfortunately, production of these rigs is on hiatus due to parts availability.

You also forgot Red Hot Radio, the Dave Fiefield's commercial version of the NorCal 20. Unfortunately these are also currently on hiatus due to relocation and upgrading of the factory. I believe that they will become available again this fall. When available, Dave makes these available in 40 M and 20 M versions. The design results from Dave's attempt to design a "proper" transceiver.

By the way, Doug Hendricks, KI6DS, did a comparison of entry level kits 2 years ago. He included the cost of a keyer (standard on the DSW and Red Hot radios), some kind of digital readout device, and a case. I believe he concluded that the Red Hot Radio and DSW were good values.

Doug also did a "8 Step Plan for QRP Kit Building" last year. The West Florida club has generously provided web space to archive it:

<http://www.qsl.net/westfla>

You may wish to follow Doug's suggestions if you have been out of kit building since the DX-60 days. He has structured it so that you learn as you, are building useful equipment, and end up with a complete station.

Last June I updated Doug's suggestions a bit as the QRP Kit world has changed a bit since he posted that. I also omitted the last 3 steps, but you can get those from the web page. My post follows below. .

0. You will need a soldering iron (25 Watt, fine point), solder (get 60/40), diagonal cutters, long/needle nose pliers, a small screwdriver, and a multimeter that reads voltage, current and resistance. Radio Shack has all these at reasonable prices and acceptable quality. Other vendors have similar items.

1. The first kit you should get is the VE3DNL marker generator kit. This is a very useful tool to do all kinds of trouble shooting. You can use it to get your first kit up and running. These are sold by the Ft. Smith QRP group. Contact Jay, W5JAY to obtain this kit.

Jay Bromley W5JAY
9505 Bryn Mawr Circle
Fort Smith, AR 72908-9276

It is \$10 plus \$2 for shipping. Tell Jay I sent you. You can put this kit together in a couple of hours. It is simple to trouble shoot. At the Iowa QRP forum 10 of us built these and all ten worked, 8 the first time, and 2 after some screwups were fixed. Mine had a bad solder contact and the other had a couple of components installed backwards. They are virtually bullet proof.

2. The second kit is a Keyer kit. Doug suggested the TICK-4 from Embedded

Research, but since then the Ft. Smith QRP group came out with a paddle/TICK keyer kit for \$10 plus \$2 shipping. Jay sells these as well. The paddle is PC Board material but has good feel. The kit requires some mechanical dexterity. It will go together in an evening or two. If you get the TICK kit, you will need to build or buy a set of paddles. The PTICK has the paddles built in. Information on the TICK keyer from Embedded Research is at:

<http://www.frontiernet.net/~embres/>

There are plans for simple paddles made from PC board material on the NORCAL page:

<http://www.fix.net/~jparker/norcal.html>

3. The third kit Doug suggested is the EmTech ZM-2 antenna tuner. It is available for \$50 from EmTech:

<http://emtech.steadynet.com/>

It will tune all bands from 80 M to 10 M and handle a power of up to 15 watts. You can use it with other rigs in the future. It can be built in an evening or 2 and is straight forward to put together. Some mechanical assembly is required and it introduces you to torroid winding. Use the toilet paper method. Since Doug first posted these tips last summer, Norcal has come out with a tuner kit as well, the BLT. It is a Z-Match and tunes reliably from 40 M to 20 M, and handles 10 W. It is only \$25 from NorCal:

<http://www.fix.net/~jparker/norcal.html>

4. You are now ready for the rig. The SW+ series from Small Wonders Laboratories is a good place to start:

<http://www.smallwonderlabs.com/>

This is a single band rig and available in any band for 80 M to 20 M. It was the subject of an Elmer project on QRP-L a couple of years ago. Those posts were assembled in a magazine by NorCal and subsequently reprinted by Quicksilver Press in Socorro NM. The reprint is \$10. Many of the original Elmer Notes are on the web at:

<http://engphys.mcmaster.ca/~elmer101>

Glen, VE3DNL, does a wonderful job of explainig the rig.

The rig is \$55 with the enclosure and controls for \$35 extra. Shipping is \$5. If you build this rig, read and study the Elmer material you will learn a lot of electronics and building skills. At 2.5 W out it is not a power

house, but has plenty of power to make many QSOs without strain. If I recall correctly, the beginners who put this rig together for the Elmer project spent about 10 to 15 hours on it. Dave provides good support for his rigs and I would guess 300 or 400 people on this list have built the rig so there is plenty of help available here.

Since Doug first posted this list MFJ has come out with the CUB. This is a single band rig available in bands from 80 M to 15 M. The PCB is already mostly assembled so assembly consists of installing/wiring the controls and putting it in a case. These have a reputation for drift, but they settle down after 15 to 30 min. They cost about \$90, but ARCI has had group buys in the past and may in the future. You won't learn as much assembling this rig as the SW+, but it is easier and goes together quicker.

What band to pick?? That is a matter of some controversy, but I suggest 30M. This has been hashed over many times here before so I won't go into it again, but I am sure someone will respond to this by suggesting 40 M and another 20 M instead.

5. An antenna. I suggest an inverted Vee, resonant and fed with good quality 8X coax. This is good for one band only, but will give good performance with a minimum of fuss. Install it as high as you can. An alternate is a 44 ft dipole fed with balanced feeders, also installed as high as possible. Either of these antennas will run you \$25 to \$30. Either a ladder grabber or coax grabber from Entech make good center insulators. If you are moving into an apartment you have a whole other set of problems, which is the subject of a whole other post.

You will need a set of headphones, a log book, and some QSL cards at this point.

This whole set of kits will set you back about \$200 and the accessories can be used on other rigs in the future. A beginner can go through the set of kits with good chances of success. You will learn lots of electronics in process.

Doug has been having a good time going around the country preaching his complete ham station for \$100. It includes the SMK-1 rig, a BLT tuner, the Ft Smith Keyer, and a Norcal Doublet. This is a viable rig, but I think the SW+ rig is in a whole other class, will out perform the SMK-1, and be easier to use. Doug has had a ball giving these \$100 stations away to several young kids who promise to put them together and make a contact with them. I don't know whose grin is bigger, Doug's or the recipient's.

I should probably point out that Ft. Smith and NorCal use some of the funds generated by the sale of these kits to fund QRP forums. Both Ft. Smith and NorCal have paid my way to these forums, so I guess I do have some interest in promoting their kits. I would do so even if I did not benefit. I have no

pecuniary connection with SWL, EmTech, or QuickSilver.

Let us know what you finally do. Keep us posted on your progress. Lots of us want to know how it turns out. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 9 Sep 2000 11:40:55 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [79130] N2CQ on AT in VA
Message-ID: <009101c01a74\$58bec640\$e3075cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken is on 7043.8 @ 15:40 UTC

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
 <http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Sat, 9 Sep 2000 11:56:21 EDT

From: WB9MII@aol.com
To: qrp-1@lehigh.edu
Subject: [79131] Ugly HB vertical results
Message-ID: <24.a411f7f.26ebb7a5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Howdy folks,
Got a bug in my ear... took an 8 ft piece of PVC..wrapped it in speaker wire with turns roughly 1/2 inch apart. Fed at the bottom by a single wire feed. The "vertical" is near a window and is held in place by the floor and ceiling like one of those 60's lamps. With the MFJ's on 20 and 40...I'm purely amazed at the results. More QSO's and better signal reports. I'm curious, has anyone in the group made a similar antenna ? My elmer (W9JMG recently a silent key) said in the 30's guys would get on 160 by wrapping a bamboo pole in wire. What kind of results have you folks gotten if you've done something similar ?
Thanks and 72
Greg WB9MII

Date: Sat, 9 Sep 2000 09:06:41 -0700
From: Bob Nielsen <nielsen@oz.net>
To: K4IA@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79132] Re: QRP - best starter kit?
Message-ID: <20000909090641.A3706@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

You might also take a look at the offerings from Wilderness Radio and Small Wonder Labs.

Two others you may want to consider--currently unavailable, but hopefully that will soon change--Red Hot and Small Wonder Labs' DSW. These both have frequency readout, RIT and keyer built-in. I built a DSW-40 and a RH NC-20 as my first kits in over 30 years and was quite favorably impressed with both of them. There are some neat accessories which are available as kits, as well.

Bob, N7XY

On Sat, Sep 09, 2000 at 09:51:22AM -0400, K4IA@aol.com wrote:
> Been QRT for 30 years and the last kit was a Heathkit DX-60 and VFO -- real
> tubes and wires.
>

> Am looking for a reasonably featured kit project. Here's what I come up with:
>
> TenTec and MFJ Cub are about the same, cover 50 - 60 khz, with the TenTec
> having RIT but the Cub uses less than half the battery power. Neither has a
> keyer. \$95
>
> OHR is full 5W, covers 70 khz has RIT and an available keyer. \$130 + \$30 for
> keyer.
>
> The Emtech is the most expensive, covers the whole band, has a variable XTAL
> filter but I can't tell if it has RIT or a keyer. It comes in at \$130 + \$30
> for the cabinet.
>
> The Elecraft K-1 is the most sophisticated with RIT/XIT, and a keyer at
> \$269. It may be unfair to include this in the "pick list" but it covers two
> bands so it is in the ballpark against two of the above.
>
> Now, what do you think? Best kit? Best beginner kit?
>

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Sat, 9 Sep 2000 17:02:43 +0100
From: "M0CQG" <m0cqg@dial.pipex.com>
To: <eric@elecraft.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79133] Re: K1 Small Delay for Enhancements
Message-ID: <002401c01a77\$c0e5f420\$320dbc3e@UKsolssf56>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Eric

While I'm obviously keen to get hold of my K1 (actually, I feel like a kid waiting for Christmas morning!!), I'm pleased that you're fine-tuning things prior to shipment. Thanks for keeping us up-to-date.

I'd be interested to know whether any other UK stations got their K1 orders in before me, or if I'll be the first! If this information is readily available, I'd love to know...

Mike
MOCQG

----- Original Message -----

From: "Eric Swartz WA6HHQ - Elecraft" <eric@elecraft.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: 09 September 2000 16:01
Subject: K1 Small Delay for Enhancements

> We have been getting great feedback from our Field Testers on the K1 over
the
> past couple of weeks. Their feedback on the manual, K1 construction /
alignment
> process and its operation has been invaluable. This really validates our
Field
> Test process. While it can generate some delays as we resolve final issues
and
> questions from the FT's, it really helps to create a stable, excellent
final
> product. (And it does cause us to lose a little hair from time to time..)
>
> As a result of feedback from the FT group we are making several small
changes to
> enhance the K1's firmware, hardware and manual. The end result will be a
better,
> easier to build, K1 when we ship the production units to everyone else.
(Nothing
> major here, but we are keenly aware of the high expectations we have set
with
> the K2 and its manual.) This is primarily to test a firmware change and to
get a
> couple of new value parts from our suppliers.
>
> This will delay the beginning of production shipments by two to three
weeks. Our
> window was Sept. 7th to the 15th. This now puts us in the week following
Sept.
> 29th.
>
> In preparation we are pre-kitting the K1s so that we can turn on the
shipping
> switch quickly. We will ship based upon the date of order receipt. Once we
begin
> shipping, K1s will be heading out in mass. If you have any questions or
changes
> on your order, please email Lisa at sales@elecraft.com

>
> We apologize for this delay! Wayne and I are both anxious to get the K1s
out to
> you. We and the rest of the Elecraft crew are doing everything possible to
make
> this happen quickly. Thank you for your patience.
>
> 73, Eric, WA6HHQ and Wayne, N6KR
> --
> <http://www.elecraft.com>

Date: Sat, 9 Sep 2000 12:13:12 -0400
From: Bill Lazure <n2tpa@juno.com>
To: qrp-l@lehigh.edu
Subject: [79134] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <20000909.121648.-4047091.0.n2tpa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Kevin,

Don't get discouraged. There's always contests. They can bring
international ops out of the woodwork. Propagation improves some in
winter too. That'll help a weaker signal.

Might I suggest an upgrade to your antennas? I've been doing OK
with dipoles. I've only got 65 or so, but figure I can pick the rest up
as the propagation improves.

73,

Bill
W2EB
Syracuse, NY

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 9 Sep 2000 12:18:10 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu

Subject: [79135] RE: Ugly HB vertical results
Message-ID: <64.65e7737.26ebbcc2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Boy...now you got me thinking about travel antenna ideas. I now travel with the Gusher 20-20 dipole which I love and the Iostron-20 which has proven quite handy and have made quite a few DX contacts on. My first question is how thick was the PVC pipe that you used. I would like to find some sort of vertical antenna which I can break down or collapse into a 2-2.5 size for travel. If it does break down, how would I connect the sections to make a complete connection of the wire....I wonder if I could use the collapsable tent poles which are held together with bungee cord. they are fiberglass, so they could work, but they may be too narrow for the windings. another idea would be the shower rods which are spring loaded but they are metal and would not break down far enough. Next, how would I connect the radials.... Think I'm getting brain overload....Being sort of new to ham radio and not that electriclly talented, this will be quite the challenge....Any ideas would be very welcome...

Thanks

Aron

N10DL

Bedford, NH

FISTS#4110 G-QRP#9946

SOC#10 FPQRP#122 and others....

Date: Sat, 9 Sep 2000 12:30:35 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <WB9MII@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79136] Re: Ugly HB vertical results
Message-ID: <001a01c01a7b\$48b07f80\$c310a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Greg,

Back in the 70's I used a simlar setup on 80 and 40 m worked ok , back then didn't even need the tuner Johnson Viking Ranger tuned it just fine.

Hpy Hamming,
73 Dave KC1DI

oh if the length of wire is aproximately 1/2 wave with a little top hat it

will resonate by taping up the coil a few turns for best match.

Date: Sat, 09 Sep 2000 13:09:03 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: njqrp@njqrp.org, qrp-1@lehigh.edu
Subject: [79137] AT Hikers have Good Sigs
Message-ID: <XFMail.000909130903.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Ken, N2CQ is back on 40 (7043.88) with a GREAT signal here. Also worked WA3WSJ on Blue Mt. His 2 watts were also strong into NJ. He is a couple Khz lower than Ken.

Sounds like they are having a ball.

/ \ / \ / \ / \ / \ John L. Sielke w2agn@pobox.com w2agn@qsl.net
(W | 2 | A | G | N) NJ Grid:FM29LN <http://www.qsl.net/w2agn>
_ / _ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
X-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
fpQRP #121 SOC #390 Elecraft K2 #00023

Date: Sat, 9 Sep 2000 10:37:29 -0700 (PDT)
From: wa4dou@excite.com
To: qrp-1@lehigh.edu
Subject: [79138] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <15326224.968521051369.JavaMail.imal@chilly.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin,

Tenacity counts far more than any other single factor, in the dx game.
Patience ranks up there high too. 73 es g/l de Roy WA4DOU

On Fri, 08 Sep 2000 23:04:27 EDT, k9iua@juno.com wrote:

> Even though I am a decent tester, I guess I am
> not cut out to be a DX chaser :-(.
>

Say Bye to Slow Internet!
<http://www.home.com/xinbox/signup.html>

Date: Sat, 9 Sep 2000 10:48:24 -0700
From: "Dan Trigilio" <danjt@cruzio.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [79139] Need manual for Ten Tec Triton II
Message-ID: <001801c01a86\$2ad64840\$e489e3a5@n1dtscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Picked up a Ten Tec Triton II at a local hamswap this morning, it's in pretty rough shape (thats OK, I love a challenge). I need any info I can get, i.e., manual, schematic, operator guide, etc. Any help? Will pay all costs.

GL es 73, Dan W6DAN
Capitola, CA

Date: Sat, 9 Sep 2000 17:55:42 +0100
From: Larry S Cahoon <wd3p@juno.com>
To: N10DL@aol.com, qrp-l@Lehigh.EDU
Subject: [79140] Re: Ugly HB vertical results
Message-ID: <20000909.175552.-398869.1.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Sat, 9 Sep 2000 12:18:10 EDT N10DL@aol.com writes:

> how thick was the PVC pipe that you used. I would like to find some
> sort of
> vertical antenna which I can break down or collapse into a 2-2.5
> size for
> travel. If it does break down, how would I connect the sections to

If you have trees around you can try my fanny pack special. Works great on 20 meters. Might be a bit hard for 40 meters but you could add a coil to shorten it. I simply cut four approximately 16-17 foot pieces of wire. I put an alligator clip on one end of each. The vertical element is clipped to the center conductor of the coax, the other three serve as radial and are clipped to the shield. I just lay them on the ground most of the time. I only carry a short piece of coax with me for the thing. I tie a rock and a string on the other end of the radiating element and throw it over a tree limb. The nice thing is you can fold back any of the elements to help in the tuning if you don't have it quite right. The thing has worked very well for me.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p>

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 9 Sep 2000 13:01:45 -0500
From: George F Franklin <w0av@juno.com>
To: wd3p@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [79141] Re: [Elecraft] Meaning of RST
Message-ID: <20000909.130319.-492577.3.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Larry,

How about QXS for QRM from XYL in shack and QBS for QRM from back seat?

72/73/74 de George/W0AV
SOC #101

Date: Sat, 9 Sep 2000 12:59:50 -0500

From: George F Franklin <w0av@juno.com>
To: WB9MII@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [79142] Re: Ugly HB vertical results
Message-ID: <20000909.130319.-492577.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Greg,

Back in 1941 the first mobile unit of the Missouri State Highway Patrol used a bamboo vertical wound with wire on the rear bumper. As I recall, the bamboo pole was about eight on nine feet long.

Operation was at about 50W AM on 1674 KHz, the old net frequency.

It worked surprising well and was received across the state at night

Try it, it will work surprisingly well. With more than about 50W you may have a corona problem, ie. a blue discharge from the tip, unless you provide some sort of small capacity hat.

72/73/74 de George/W0AV
SOC #101

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 09 Sep 2000 13:07:03 -0500
From: "George, W5YR" <w5yr@att.net>
To: wa4dou@excite.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79143] Re: Musing from a "failed" QRP DX Chaser
Message-ID: <39BA7C47.CD621787@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

More to add to what Roy says:

To me, the big difference between "contesting" and "DXing" has to do with operating style. Contesting has always seemed to me - now, guys, put the blow torches away; this is an opinion - to be a "main strength

and awkwardness" mode of operating.

Get a big signal - high power, big antenna(s), lots of speech processing if SSB, good hard keying with lots of clicks if CW (draws attention!) - ignore the rights of everyone else on the band, yell or send your call incessantly until something happens. Keep it up on the next "target." Later, get on 75 and brag to the "boys."

Nothing wrong with any of that, if that is your game.

BUT, now, DXing, in the true sense, involves much more, including the traits of the successful DXer - tenacity and patience - that Roy mentions. A productive signal need only be "adequate" - you don't need a gallon or more if you have the other ingredients. Above all, the transmitted signal must be clean in every respect.

Equipment-wise, the antenna will make or break you, in the sense that it more or less regulates your productivity. Now, we have all worked Timbuctoo on a wet noodle, but let's face it, 4 elements at 70 ft is going to do the job a lot sooner than the vertical - like mine - in the backyard.

After the antennna, I rank the receiver and its selectivity and overload capabilities next. You must be able to deal with current QRM conditions, and having lots of good filters seems to be the way to go, along with a bullet-proof front end.

Means for dealing with local noise sources are also important. Few locations are as quiet as we would prefer. Noise blankers and cancellers can be very effective. Any receiver suitable for serious DXing should have exceptional noise-handling capabilities.

Then, there is you and your actual operating abilities. Your fist and how well you copy ANY fist at ANY speed, the caliber of your CW signal, your voice, the effectiveness of your transmitter speech setup (processing, mic gain, equalization, etc.) All of these will have a direct effect on your productivity as a DXer. The goal is a clean signal expertly deployed! <:}

In this information age, you must get and stay informed: get hooked up to a DX Cluster on packet or log onto an Internet equivalent. Read the ARRL DX Bulletins and any others that you can find. Find out where the "Big Guns" hang out and listen in. Observe how successful stations are being successful and learn/practice their ways. This last point is probably the most productive and important.

If I have made the point that DXing is much more than yelling and sending your call over and over, then I rest my case.

DXing can be one of the most rewarding and at the same time frustrating games going. You have to learn to pace yourself and to scale your expectations to your skills and equipment. Just remember that many of our QRP-L brethren have DXCC on the wall with 5 watts or less. But, seldom did they crack a pileup on the first call.

Also, take a break now and then and just shoot the breeze with a few stations. That next country will wait a few hours longer!

Sorry for the Bible thumping, but Roy got me started! <:}

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

wa4dou@excite.com wrote:

>
> Kevin,
> Tenacity counts far more than any other single factor, in the dx game.
> Patience ranks up there high too. 73 es g/l de Roy WA4DOU
> -----
> On Fri, 08 Sep 2000 23:04:27 EDT, k9iua@juno.com wrote:
>
> > Even though I am a decent tester, I guess I am
> > not cut out to be a DX chaser :-(.
> >

Date: Sat, 09 Sep 2000 13:12:32 -0500
From: Lew Paceley <lew@paceley.com>
To: N10DL@aol.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [79144] Re: Ugly HB vertical results
Message-ID: <007601c01a89\$8859c480\$0332a8c0@roland.swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Aron,
Well....you open up a huge array of potential solutions depending on the bands you're interested in. Assuming you can find a good tuner somewhere, mechanical ingenuity may be more valuable than electrical ingenuity :-)

I am not a big fan of PVC for anything over 10'. The 1" Schedule 40 PVC is

reasonably strong and easy to work with either via hacksaw/PVC cutter (better IMO) and glue. There are couplers that will allow you to break the PVC into separate sections of the same diameter. Any Home Depot will have them. I have a set of sectioned PVC poles that hold up my camping tarp that I built (each approx 8' tall). There are couple things I don't like about PVC: 1) Weight - it's heavy per unit of height and 2) It's not as durable as it appears...as an example, I had one of my 4' pole sections fall over onto a concrete walk and the end shattered where the coupler joined the PVC.

Although a little longer than your spec's, a 20' Southbend Black Widow crappie pole is inexpensive (~\$20) lightweight and very versatile. Use it as a center/end support for an inverted vee/dipole/longwire or build something more versatile/elaborate like the St. Louis Vertical from the creativity of the famous Dave Gauding <http://www.fix.net/~jparker/slv.html>. Seriously, go into your favorite fishing emporium and pick one up...you'll be pleasantly surprised.

And finally, tent poles. While I do a fair amount of tent camping, I confess to never having built an antenna out of my tent poles. The idea does intrigue me though :-). There is someone on this list (my apologies for forgetting) who backpacks and uses a pair of phased verticals made of tent pole aluminum. Very impressive. I thought I saved the URL but can't find it at the moment. Perhaps he will drop you a mail. I did save the URL for the tent pole supplier however:

<http://www.alcasoft.com/ta-enterprises/tube.html>. Another supplier of aluminum tubing (not tent related) is <http://www.texastowers.com>

Good luck and

72/73,
Lew
N5ZE

----- Original Message -----

From: <N10DL@aol.com>

> My first question is

> how thick was the PVC pipe that you used. I would like to find some sort of

> vertical antenna which I can break down or collapse into a 2-2.5 size for

> travel. If it does break down, how would I connect the sections to make a

> complete connection of the wire....I wonder if I could use the collapsable

> tent poles which are held together with bungee cord. they are fiberglass, so

> they could work, but they may be too narrow for the windings.

> Thanks

> Aron

> N10DL

> Bedford, NH
> FISTS#4110 G-QRP#9946
> SOC#10 FPQRP#122 and others....

Date: Sat, 9 Sep 2000 18:49:55 +0100
From: Larry S Cahoon <wd3p@juno.com>
To: lew@paceley.com, qrp-1@Lehigh.EDU
Subject: [79145] Re: Ugly HB vertical results
Message-ID: <20000909.185151.-398869.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Sat, 09 Sep 2000 13:12:32 -0500 Lew Paceley <lew@paceley.com> writes:

>
> And finally, tent poles. While I do a fair amount of tent camping,
> I
>
I've done the tent pole system a couple of times. The first was as a vertical at the beach. I used it only on 20 meters. It got out OK. As I wanted a tuned vertical it became something of a pain. Radials were spread over the roof deck of the beach place. The poles were tied to the railing. I used a mobile whip to adjust the length of the thing. The difference in diameter between the tent poles and the whip meant I needed a much longer whip than I expected to tune it right. I learned a bit of antenna theory on that one.

My second use was as a center support for an inverted V at field day a couple of years ago. The biggest problem is that the poles are way too weak to support themselves. You really have to guy them well. At 30 feet I ended up with two sets of guys just to prevent the poles from folding over on themselves. As it was one of the poles bent when I took the whole thing down.

73 de Larry.....WD3P in MD
<http://www.gsl.net/wd3p>

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 9 Sep 2000 14:09:51 -0500
From: "Marty Purselley" <brewer@flash.net>
To: <K4IA@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [79146] Re: QRP - best starter kit?
Message-ID: <004501c01a91\$88731f40\$be56d7d8@mlp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Buck,
I would recommend any of the kits by Dave Benson at Small Wonder Labs
www.smallwonderlabs.com I just finished the PSK20. It was an easy kit to
build and only had 4 toroids to wind. The instructions are very
clear-quality silk-screened board too.

73s,

Marty AA5UN

----- Original Message -----

From: <K4IA@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, September 09, 2000 8:51 AM
Subject: QRP - best starter kit?

> Been QRT for 30 years and the last kit was a Heathkit DX-60 and VFO --
real
> tubes and wires.
>
> Am looking for a reasonably featured kit project. Here's what I come up
with:
>
> TenTec and MFJ Cub are about the same, cover 50 - 60 khz, with the TenTec
> having RIT but the Cub uses less than half the battery power. Neither has
a
> keyer. \$95
>
> OHR is full 5W, covers 70 khz has RIT and an available keyer. \$130 + \$30
for
> keyer.
>
> The Emtech is the most expensive, covers the whole band, has a variable
XTAL

> filter but I can't tell if it has RIT or a keyer. It comes in at \$130 + \$30
> for the cabinet.
>
> The Elecraft K-1 is the most sophisticated with RIT/XIT, and a keyer at
> \$269. It may be unfair to include this in the "pick list" but it covers
two
> bands so it is in the ballpark against two of the above.
>
> Now, what do you think? Best kit? Best beginner kit?
>
> Tnx es DX
>
>
> K4IA
> Buck
> Fredericksburg, Virginia USA
>
> -----
> REAL CHEAP Long Distance 4.9 cents/min Interstate and REAL CHEAP
Intrastate,
> International, Toll Free, Callback, Calling Cards, Pagers and more Check
out <
> A HREF="http://www.ld.net/?bucksavers">http://www.ld.net/?bucksavers
> -----

> -----
>

Date: Sat, 9 Sep 2000 15:20:13 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>, "_AAAA_NOGA_onlist (E-mail)"
<nogaqrp@qth.net>
Cc: "Russ AE4NY Richardson (E-mail)" <rricha2@emory.edu>, "_Pickett AD4S Cummins
(E-mail)" <jpcummins@att.net>
Subject: [79147] Thanks for another Outstanding Vol.2 No2 of the QRP Homebrewer
Message-ID: <058CBAE0931FD411B70E00805FCD5D4237D69C@mailserver2.usan.com>
MIME-Version: 1.0
Content-Type: text/plain

In response to the editorial in the latest issue of the NJ Homebrewer where
Geroge had apologized for the issue being late:

I wrote:

George, No apology necessary, each issue has been worth the wait !!

Thanks too for the recognition of NoGa QRP and Mike W3IRZ.. He's a great contributor to our club. Thanks again to you and NJQRP.. BTW, I just finished my TT2 and with some important help from AD4S Pickett, he advises me that my TT2 is putting out 400 millwatts, and right on freq... 72 AE4NY Russ

I just thought the qrp-l group should know that we do care about these group efforts.

Well George wrote back:

400mW from a TT2?? That's *very* good. The average power output from people I've heard of doing the kit is 50-300mW. You must have a hot final transistor :-)) Did you do the power mods specified in our TT2 App Note?

I replied:

No,I didn't do the mods on the TT2, and as to the 400 mw, I'm going by Pickett's measurements, but I do have confidence in him..

This msg is forwarded the the qrp-l by Sam AE4GX at Russ's request. Russ is not a qrp-l subscriber and can't send msgs becuase his server system can't handle the msg volume. He does follow the qrp-l via the archives lookup.

Date: Sat, 9 Sep 2000 14:42:17 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [79148] QRP DX and Contest
Message-ID: <Pine.LNX.4.10.10009091412050.1539-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

DX is defined as a station in another country you need for some certificate. You can spend a lifetime working on this one and for sure if your using an invisible antenna.

Contesting has a short time period and in the case of a Fox, a single station to look for. I enjoyed the Summer Fox Hunt pile up at the first of the time period; it is much like a DX pile up. The PSK Sprint tomorrow is many (maybe just a few) stations trying to work each other under conditions defined in the rules.

DX has been very present from Europe on 15 and 10 meters. To work these guys you must copy them so you get their call-sign and QTH and name while they work someone else. Then when they finish with the contact you call the DX with a normal 3x3 and listen. If he comes back to another station you relax and wait. Then you again call the DX when he is done. This continues with either of 2 outcomes. You work him, or you quit or he fades out. On PSK I have been very lucky. Running 5 watts I have worked Russians with names like Segio, and Spaniards with names like Juan.

It seems to me that the QRP group is missing a bet. A lot of small rigs are made for 20 and 40 meters. My Ten Tec Argonaut covers also 15 and 10 meters. These bands have the DX on them loud enough for a QRP station to work them. In the sunspot maximum where we are now 20 meters is not very special and 40 meters may be far worse than it is during sunspot minimum!

All contesting DX and otherwise requires that the stations listen most of the time, and to be a success call at the right time and frequency. There are many who call even though they don't hear the station they are calling hoping... You need to keep your cool and not tell a person calling the DX while DX is talking that they have a suspect background. You just fume and hope the guy stays off long enough to work this DX running 5 watts.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 09 Sep 2000 21:17:44 -0700
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Subject: [79149] Consumption Figures
Message-ID: <E13Xryf-0002DA-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Vic (GW4JUN) asked:-

>At 10watts cw rf out the ht current(at 13.8v) showed 5.5 amps !!. I reckon
>thats about 75 watts in for 10w out. 13% efficient. Surely it can't be that
>inefficient ??

Yes, many modern rigs take that sort of current on their lowest power setting. At 13.8V my IC706MKIIG takes over 5 Amps on 'L', and the Kenwood

TS850S needs about 8A for 10W of RF!

The old Valve PAs were not much better, I remember using a TS830S and the heaters on the valves and power to drive them was horrendously OTT in comparison with the 5W of RF being produced.

Definately not very efficient.

de Dave (G0DJJA)

Date: Sat, 09 Sep 2000 19:21:25 +0100
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [79150] Re: "To sweat or not to....."
Message-ID: <39BA7FA5.9D0D64AD@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

ptaber wrote:

> Are you getting sweaty under foam headphones, or the ones with the vinyl
> earpads? The latter are sweat-inducing, I agree, but for my ears the

The most comfortable headphones I know are made by Peltor. I have model 7050, which is 'listen only', i.e. no microphone boom. They fully cover the ears, have gel-filled oval pads and reduce outside noise very well, too (>-20 dB if I remember well). When I bought them I also acquired cloth covers that cover the phones, i.e. go between phones and the head to make them even more comfortable. They don't make my ears sweat and don't hurt my ears or head even with glasses on.

Look for these type of 'phones at aviation goods suppliers. Pilots wear 'phones for long periods and so the phones need to be comfortable. There are other brands besides Peltor who make 'phones for pilots. David Clarke is one of them, but I have no experience with other brands. Of course most of these aviation type 'phones have a microphone on a boom. I bought mine through the internet from a US firm called Marv Golden.

> headphones here, not the Walkman type -- Kenwood makes a good set that
> detachable vinyl pads.

In my experience the larger Kenwood HS-5 headphones - if these are what you mean - press on the head too hard and are therefore very uncomfortable. I wear glasses, and most headphones start to hurt pretty quickly. The smaller Kenwood model HS-6 has foam pads which press on the

ears themselves and IMO they aren't comfortable either. A short try-out in the shop is too short to find out how they really wear, though.

I own both HS-5 , HS-6 and Peltor's 7050. I never use the Kenwoods and can only say I'm real sorry I ever bought them.

73,

--

Arjen Raateland
OH2ZAZ

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sat, 09 Sep 2000 19:34:37 +0100
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: k6qq@hdo.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [79151] Re: "To sweat or not to....."
Message-ID: <39BA82BD.1C5B0708@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

John Moriarity wrote:

> I bought the buds was because I don't like plugging the Yaesu phones
> (1/4" plug) into an adapter, and then into the K2. I have this fear
> of damaging the jack in the K2 by accidentally bumping into that big
> mess.

You could make up an adaptor cable. The adaptor plugs that I've used all developed intermittent contacts. Cable used with 6,3 mm plugs is probably pretty heavy and hanging it off an adaptor plug isn't my favourite, either. In an adapter cable you could include small series resistors. I find I need series resistors with low impedance 'phones to reduce hiss. The series resistors necessitate a higher output signal voltage for the same sound output, hence the hiss from the audio PA IC - usually residing after the volume control - becomes proportionally lower).

73

--

Arjen Raateland
OH2ZAZ

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sat, 09 Sep 2000 16:37:49 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [79152] FS - Audio Filter & Heathkit ATU
Message-ID: <3.0.5.32.20000909163749.0099fde0@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have the following items for sale:

1. Autek Research QF-1A SSB/CW/AM Audio Filter (analog).
Intended for use between receiver audio output and speaker/phones.
Can select Peak, Notch, Low Pass or High Pass filter functions with
variable selectivity and center frequency. Separate "Aux. Notch" filter
that can be used in conjunction with main Peak/Notch/LP/HP filter.
Operates from 115VAC or 12VDC. Only mods are added jack for 12VDC input
and stereo phone jack (both on rear panel). Documentation. Like new
condition. Good QRM fighter -- maybe not as good as a DSP unit, but
much less expensive.

\$60 shipped in the US.

2. Heathkit HFT-9A Antenna Tuning Unit.
Matching unit for HW-9 transceiver. Standard "T" design with coax,
single wire and balanced line output. Should handle 15-20W OK. Good
condition -- some scratches on top of case but none on front panel.
Very clean inside. No mods. With original manual.

\$45 shipped in the US.

72/73,
Larry W1HUE/7

Date: Sat, 9 Sep 2000 18:39:11 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu, secondclassopsclub-help@egroups.com
Subject: [79153] SOC#1 now on 14.060 at 2235
Message-ID: <c0.8ee626d.26ec160f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Go get him...he's CQing with no takers....except for me....YES....

Aron

N10DL

Date: Sat, 9 Sep 2000 17:38:21 -0500
From: "Marty Purselley" <brewer@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [79154] FS: HW-9 and PSA-9 pwr supply
Message-ID: <00ed01c01aae\$d97180e0\$be56d7d8@mlp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an HW-9 and PSA-9 pwr supply for sale. This rig has the warc bands and is very clean with no modifications. Great little rig-can do cross mode contacts. \$280.00 and I'll ship.

73s,

AA5UN, Marty

Date: Sat, 9 Sep 2000 18:40:23 EDT
From: NOUR1@aol.com
To: QRP-L@lehigh.edu
Subject: [79155] NOUR PSK Dummy load
Message-ID: <46.a674d22.26ec1657@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I think I know why I won the dummy load from CQC (thanks guys) for being the third place fox (always one of the bridesmaids).

I've been working the PSK Summer Sprint for the last few hours, I just realized the contest is tomorrow. I thought there should be more activity. Anyway, I worked 12 stations so far.

See you TOMORROW!

72's
Jim NOUR

End of QRP-L Digest 1939
